

Product datasheet

Recombinant Human CCRK protein ab161683

1 Image

Overview

Product name	Recombinant Human CCRK protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	<p>MDQYCILGRIGEGAHGIVFKAKHVETGEVALKKVALRR LEDGFNPQALR EIKALQEMEDNQYVVQLKAVFPHGGGFVLAFEFMLS LAEVRHAQRPLA QAQVKSYLQMLLKGVAFCHANNIVHRDLKPANLLISAS GQLKIADFGLAR VFSPDGSRLYTHQVATRSVGCIMGELLNGSPLFPGKN DIEQLCYVLRILG TPNPQVWPELTELDPDYNKISFKEQVPMPLLEEVLDPVS PQALDLLGQFLLYPPHQRIAASKLPCLPIHLSCRFLSV</p>
Amino acids	1 to 275
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab161683** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	<p>ELISA</p> <p>Western blot</p>
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

Required for high-level Shh responses in the developing neural tube. Together with BROMI, controls the structure of the primary cilium by coordinating assembly of the ciliary membrane and axoneme, allowing GLI2 to be properly activated in response to SHH signaling (By similarity). Involved in cell growth. Activates CDK2, a kinase involved in the control of the cell cycle, by phosphorylating residue 'Thr-160'.

Sequence similarities

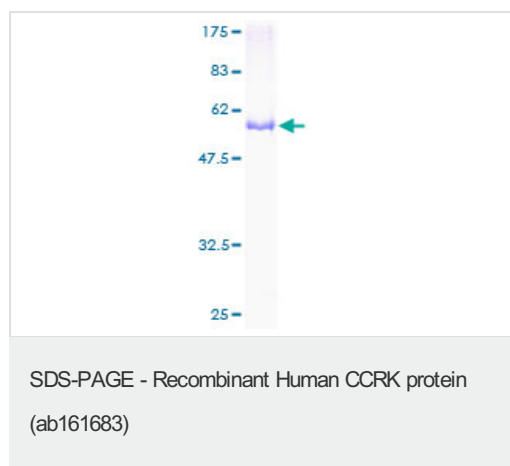
Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily.

Contains 1 protein kinase domain.

Cellular localization

Nucleus. Cytoplasm. Cell projection > cilium.

Images



ab161683 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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